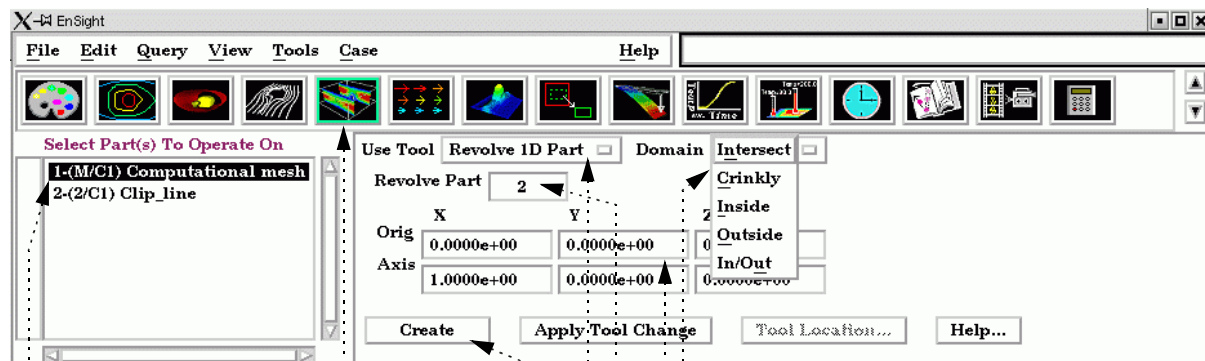


INTRODUCTION

A Revolution of 1D Part clip can be made using a 1D part and a user specified axis. It can be the surface created by the intersection of the 1D part about the axis and the model, the elements intersected by the 1D part about the axis(crinkly), or the volume of the inside and/or the outside domain swept by the 1D part about the axis. This clip does not have interactive manipulation capability, with a slider or by dragging the tool with the mouse. However, if the 1D part is capable of being moved, you can move it and the revolution clip will update.

BASIC OPERATION



1. Select the parent part.
2. Click the Clip Icon.
3. Select Revolve 1D Part from the Use Tool pulldown.
4. Enter the 1D part to use.
5. Set the desired origin and axis of the revolution.
6. Select the desired Domain.

6. Click Create.

Note that you can manipulate the 1D part or the origin and axis and the clip will update.

You can also change the domain, and the clip will change.

ADVANCED USAGE

SEE ALSO

Introduction to Part Creation

Other clips:

[How to Create Clip Lines](#)

[How to Create Clip Planes](#)

[How to Create Quadric Clips](#)

[How to Create XYZ Clips](#)

[How to Create RTZ Clips](#)

[How to Create Box Clips](#)

[How to Create IJK Clips](#)

[How to Create Revolution Tool Clips.](#)

User Manual: [Clip Create/Update](#)